This listing of claims will replace all prior versions, and listings, of claims.

Listing of Claims

1. (Currently Amended):   A process scheduling system, comprising:

a plurality of configurations comprising at least one resource item and at least one process of an application system, wherein the resource item comprises a central processing unit (CPU) and a disk of the application system;

a fetch module to fetch resource status data of the resource item, wherein the resource status data comprises data for the CPU use rate and data for the disk use rate;

a timing scheduling module to use a neural network model to determine an execution time point for the process according to the resource status data, wherein the CPU use rate, the disk use rate and a peak time interval indicating a busy period of the application system are adopted as processing elements of the neural network model, and the resource status data is fed to the neural network model for calculating the execution time point for the process; and

a trigger module to determining whether the execution time point for the process is present, and execute the process at the execution time point when the execution time point for the process is present.

2. (Original): The system of claim 1 wherein the configuration further comprises a fetch frequency, and according to which the fetch module fetches the resource status data.

3. (Currently Amended): The system of claim 1 wherein the resource status data for determination is within a predetermined reference range, wherein the predetermined reference range is a time interval, and the resource status data is fetched within the time interval.

4-5. (Cancelled).

6. (Original): The system of claim 1 wherein the fetch module further fetches the resource status data of the resource item as feedback for further determination after the process is executed.

7. (Cancelled).

8. (Currently Amended):   A process scheduling method, comprising the steps of:

fetching resource status data of at least one resource item of an application system, wherein the resource item comprises a central processing unit (CPU) and a disk of the application system, and the resource status data comprises data for the CPU use rate and data for the disk use rate;

determining an execution time point for at least one process according to the

    resource status data <u>using a neural network model, wherein the CPU use</u>

    <u>rate, the disk use rate and a peak time interval indicating a busy period of</u>

    <u>the application system are adopted as processing elements of the neural</u>

    <u>network model, and the resource status data is fed to the neural network</u>

    <u>model for calculating the execution time point for the process</u>; [[and]]

<u>determining whether the execution time point for the process is present; and</u>

<u>when the execution time point for the process is present,</u> executing the process

    at the execution time point.

9. (Original): The method of claim 8 further comprising fetching the resource status data according to a fetch frequency.

10. (Currently Amended): The method of claim 8 further comprising determining the execution time point according to the resource status data within a predetermined reference range<u>, wherein the predetermined reference range is a time interval, and the resource status data is fetched within the time interval</u>.

11-12. (Cancelled).

13. (Original): The method of claim 8 further comprising fetching the resource status data of the resource item as feedback for further determination after the process is executed.

14. (Cancelled).

15. (Currently Amended):   A machine-readable storage medium storing a computer program which, when executed, directs a computer to perform a process scheduling method, comprising the steps of:

fetching resource status data of at least one resource item of an application system, wherein the resource item comprises a central processing unit (CPU) and a disk of the application system, and the resource status data comprises data for the CPU use rate and data for the disk use rate;

determining an execution time point for at least one process according to the resource status data using a neural network model, wherein the CPU use rate, the disk use rate and a peak time interval indicating a busy period of the application system are adopted as processing elements of the neural network model, and the resource status data is fed to the neural network model for calculating the execution time point for the process; [[and]] determining whether the execution time point for the process is present; and when the execution time point for the process is present, executing the process at the execution time point.

16. (Currently Amended):   The storage medium of claim 15, storing said computer program which, when executed, further directs the computer to perform the

step of ~~further comprising~~ fetching the resource status data according to a fetch frequency.

17. (Currently Amended):   The storage medium of claim 15, storing said computer program which, when executed, further directs the computer to perform the step of ~~further comprising~~ determining the execution time point according to the resource status data within a predetermined reference range, wherein the predetermined reference range is a time interval, and the resource status data is fetched within the time interval.

18-19. (Cancelled).

20. (Currently Amended):   The storage medium of claim 15, storing said computer program which, when executed, further directs the computer to perform the step of ~~further comprising~~ fetching the resource status data of the resource item as feedback for further determination after the process is executed.